

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		PCT/US2002/002157 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE November 19, 2002	INTERNATIONAL RECEIVING OFFICE NUMBER 17172-005US1 OPP 050736 US U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/533936
TITLE OF INVENTION CHEMICALLY AMPLIFIED POLYMER HAVING PENDANT GROUP WITH DICYCLOHEXYL AND RESIST COMPOSITION COMPRISING THE SAME			
APPLICANT(S) FOR DO/EO/US Eun-Kyung Son, Jae-Hyun Kang, Deog-Bae Kim and Jae-Hyun Kim			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: International Search Report; International Preliminary Examination Report 			

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Date of Deposit: May 4, 2005

U.S. APPLICATION NO. (if known, see 37 CFR § 1.5) 107533936		INTERNATIONAL APPLICATION NO. PCT/KR2002/002157		AUTHORNEY'S DOCKET NUMBER 17172-005USI																																												
CALCULATIONS PTO USE ONLY																																																
<p>The following fees have been submitted</p> <p>21. <input checked="" type="checkbox"/> Basic national fee \$300 \$300.00</p> <p>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). \$100 \$200.00 All other situations..... \$200</p> <p>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR § 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 \$400.00 International Search Report prepared and provided to the Office \$400 All other situations..... \$500</p> <p>Total of 21, 22 and 23 = \$900.00</p> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> <table border="1"> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>25-100 =</td> <td>0/50=</td> <td></td> <td>X \$250 \$0.00</td> </tr> </tbody> </table> <p>Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(h)). \$0.00</p> <table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>16 - 20 =</td> <td>0</td> <td>x \$50 \$0.00</td> </tr> <tr> <td>Independent Claims</td> <td>6 - 3 =</td> <td>3</td> <td>x \$200 \$600.00</td> </tr> <tr> <td>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td></td> <td>+ \$360 \$0.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS = \$1500.00</td> </tr> </tbody> </table> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR § 1.27. Fees above are reduced by 1/2. \$750.00</p> <table border="1"> <thead> <tr> <th colspan="2">SUBTOTAL =</th> </tr> </thead> <tbody> <tr> <td colspan="2">\$750.00</td> </tr> </tbody> </table> <p>Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR § 1.492(i)) + \$0.00</p> <table border="1"> <thead> <tr> <th colspan="2">TOTAL NATIONAL FEE =</th> </tr> </thead> <tbody> <tr> <td colspan="2">\$0.00</td> </tr> </tbody> </table> <p>Fee for recording the enclosed assignment (37 CFR § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR § 3.28, 3.31). \$40.00 per property + \$0.00</p> <table border="1"> <thead> <tr> <th colspan="2">TOTAL FEES ENCLOSED =</th> </tr> </thead> <tbody> <tr> <td colspan="2">\$750.00</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Amount to be refunded:</th> <th>\$0.00</th> </tr> </thead> <tbody> <tr> <th>Amount to be charged:</th> <th>\$0.00</th> </tr> </tbody> </table>					Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	25-100 =	0/50=		X \$250 \$0.00	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	16 - 20 =	0	x \$50 \$0.00	Independent Claims	6 - 3 =	3	x \$200 \$600.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360 \$0.00	TOTAL OF ABOVE CALCULATIONS = \$1500.00				SUBTOTAL =		\$750.00		TOTAL NATIONAL FEE =		\$0.00		TOTAL FEES ENCLOSED =		\$750.00		Amount to be refunded:	\$0.00	Amount to be charged:	\$0.00
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<p>a. <input checked="" type="checkbox"/> A check in the amount of \$750.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																																																
<p>NOTE: Where an appropriate time limit under 37 CFR § 1.495 has not been met, a petition to revive (37 CFR § 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.</p>																																																
SEND ALL CORRESPONDENCE TO:																																																
PTO Customer No: 26161		 SIGNATURE Y. Rocky Tsao																																														
NAME 34,053																																																
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